

WHAT IS CLAIMED IS:

1. A method of making a telephone call using an electronic document stored in a computer, comprising:

retrieving the electronic document, the electronic document including data representing at least one telephone number;

5 selecting a first telephone number from the electronic document; and

signaling, from the computer via a packet-switched network coupled to a first line, a telecommunication system to connect a call between a first telephone associated with the first telephone number and a second telephone associated with a calling party telephone number in response to the selection of the first telephone number, the call being connected via the first  
10 line.

2. The method of claim 1, wherein the selecting a first telephone number further comprises:

selecting the telephone number from the electronic document using a mouse.

3. The method of claim 1, wherein the electronic document comprises at least one of an e-mail, a word processing file and a web page.

4. The method of claim 1, further comprising:

receiving, prior to signaling, the calling party telephone number; and

storing the calling party telephone number.

5. The method of claim 1, wherein the call is connected across a circuit-switched network.
6. The method of claim 1, wherein the call is connected across a packet-switched network.
7. The method of claim 1, wherein the second telephone is coupled to the first line via a bandwidth splitter.
8. The method of claim 1, wherein the computer is coupled to the first line via a modem.
9. The method of claim 8, wherein the modem is a digital subscriber line (DSL) modem.
10. The method of claim 8, wherein the computer is further coupled to the first line via a bandwidth splitter.
11. The method of claim 1, wherein the call is further connected via a second line coupled to the first telephone.
12. The method of claim 11, wherein the first telephone is coupled to the second line via a bandwidth splitter.

13. The method of claim 1, wherein the second telephone is a component of the computer.

14. A system, comprising:

a telephony device coupled to a telephone line; and

a computer coupled to the telephone line, the computer comprising:

an input device, and

at least one processor configured to:

receive an electronic document that includes data representing a

telephone number,

receive input via the input device selecting the telephone number from

the electronic document, and

signal, via a packet-switched network coupled to the telephone line, a

telecommunication system to connect a call between a telephone associated with the

telephone number and the telephony device in response to the selection of the telephone

number, the call being connected via the telephone line.

15. The system of claim 14, wherein the telephony device is coupled to the telephone line via a bandwidth splitter.

16. The system of claim 14, wherein the computer is coupled to the telephone line via a modem.

17. The system of claim 16, wherein the modem is a digital subscriber line (DSL) modem.

18. The system of claim 16, wherein the computer is further coupled to the telephone line via a bandwidth splitter.

19. The system of claim 14, wherein the call is further connected via a second line coupled to the telephone.

20. The system of claim 19, wherein the telephone is coupled to the second line via a bandwidth splitter.

21. A computer-readable medium containing instructions for controlling at least one processor to perform a method of making a telephone call using an electronic document, comprising:

receiving an electronic document that includes data representing at least one telephone

5 number;

receiving input via an input device selecting a first telephone number from the electronic document; and

signaling, via a packet-switched network coupled to a first line, a telecommunication system to connect a call between a first telephone associated with the first telephone number

10 and a second telephone associated with a calling party telephone number in response to the selection of the first telephone number, the call being connected via the first line.

22. A method of making a telephone call using an electronic document stored in a computer, comprising:

retrieving the electronic document, the electronic document including data representing at least one telephone number;

5 selecting a first telephone number from the electronic document;

signaling, from the computer via a packet-switched network coupled to a first line, a telecommunication system to connect a call between the first telephone number and a calling party telephone number in response to the selection of the first telephone number; and

10 establishing, via the first line, a circuit-switched connection between a first telephone associated with the first telephone number and a second telephone associated with the calling party telephone number.

23. The method of claim 22, wherein the selecting a first telephone number further comprises:

selecting the telephone number from the electronic document using a mouse.

24. The method of claim 22, wherein the electronic document comprises at least one of an e-mail, a word processing file and a web page.

25. The method of claim 22, further comprising:  
receiving, prior to signaling, the calling party telephone number; and  
storing the calling party telephone number.
26. The method of claim 22, wherein the circuit-switched connection between the first telephone the second telephone is further connected via a second line coupled to the first telephone.
27. The method of claim 26, wherein the first telephone is coupled to the second line via a bandwidth splitter.
28. The method of claim 22, wherein the second telephone is a component of the computer.
29. A system comprising:  
a telephony device coupled to a first telephone line; and  
a computer coupled to the first telephone line, the computer comprising:  
an input device, and  
at least one processor configured to:  
receive an electronic document that includes data representing a  
telephone number,

receive input via the input device selecting the telephone number from the electronic document, and

initiate the establishment of a circuit-switched connection between a telephone associated with the telephone number and the telephony device via the first telephone line.

30. The system of claim 29, wherein the telephony device is coupled to the first telephone line via a bandwidth splitter.

31. The system of claim 29, wherein the computer is coupled to the first telephone line via a modem.

32. The system of claim 31, wherein the modem is a digital subscriber line (DSL) modem.

33. The system of claim 31, wherein the computer is further coupled to the first telephone line via a bandwidth splitter.

34. The system of claim 29, wherein the call is further connected via a second telephone line coupled to the telephone.

35. The system of claim 34, wherein the telephone is coupled to the second telephone line via a bandwidth splitter.

36. A computer-readable medium containing instructions for controlling at least one processor to perform a method of making a telephone call using an electronic document, comprising:

receiving an electronic document that includes data representing at least one telephone

5 number;

receiving input via an input device selecting a first telephone number from the electronic document;

signaling, via a packet-switched network coupled to a first line, a telecommunication system to connect a call between the first telephone number and a calling party telephone

10 number in response to the selection of the first telephone number; and

establishing, via the first line, a circuit-switched connection between a first telephone associated with the first telephone number and a second telephone associated with the calling party telephone number.

37. A system for making a telephone call using an electronic document, comprising:

means for receiving the electronic document, the electronic document including data representing at least one telephone number;

means for selecting a first telephone number from the electronic document; and

5 means for signaling, via a packet-switched network coupled to a first line, a telecommunication system to connect a call between a first telephone associated with the first telephone number and a second telephone associated with a calling party telephone number in response to the selection of the first telephone number, the call being connected via the first line.